

SwipeBite - Bi-Weekly Progress

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Last Week

- **Crawler:** have continued our work on it to get more data from Naver maps
- **Firebase Database:** have set up the Firebase Cloud Storage for our project, decided which features we are going to use
- **More UI:** have created more UI designs for more pages of SwipeBite

Naver Map Crawler

Have continued our work on it to get more data from Naver maps and exported it to json format. Here is the resulting example json:

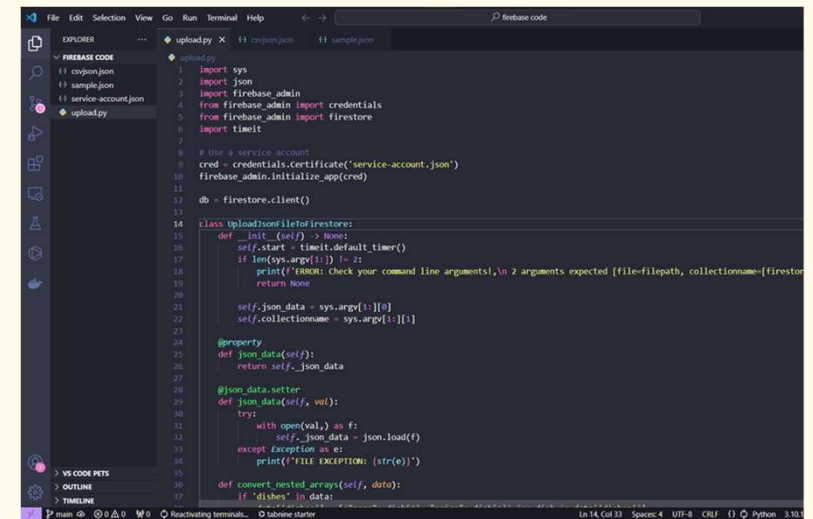
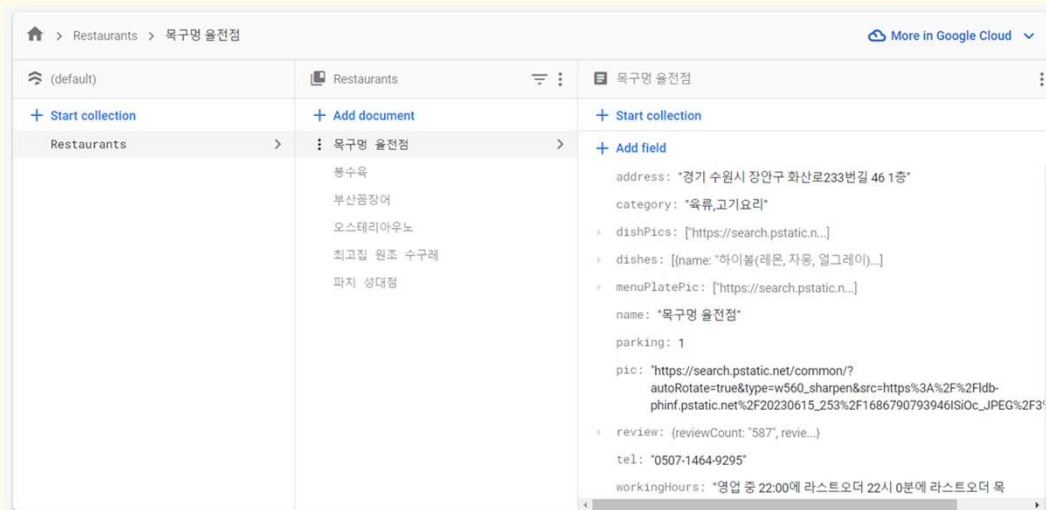
```
1  [
2    {
3      "name": "부산품장어",
4      "category": "장어,먹장어요리",
5      "pic": "https://search.pstatic.net/common/?autoRotate=true&type=w560_sharpen&src=https%3A%2F%2Fldb-phinf.pstatic.net%2F20220610_284%2F165482",
6      "address": "경기 수원시 장안구 덕영대로425번길 12 1층",
7      "workingHours": "영업 중\n22:30에 라스트오더\n22시 30분에 라스트오더\n매일\n16:00 - 23:00\n22:30 라스트오더\n",
8      "tel": "0507-1323-8221",
9      "parking": 0,
10     "menuPlatePic": [
11       "https://search.pstatic.net/common/?autoRotate=true&quality=95&type=f320_320&src=https%3A%2F%2Fldb-phinf.pstatic.net%2F20220124_242%2F16",
12     ],
13     "dishPics": [
14       "https://search.pstatic.net/common/?autoRotate=true&quality=95&type=f320_320&src=https%3A%2F%2Fldb-phinf.pstatic.net%2F20211012_136%2F16",
15     ],
16     "dishes": [ ...
49   ],
50   "review": { ...
84   }
85 },
86 {
87   "name": "최고집 원조 수구레",
88   "category": "한식",
89   "pic": "https://search.pstatic.net/common/?autoRotate=true&type=w560_sharpen&src=https%3A%2F%2Fldb-phinf.pstatic.net%2F20230114_163%2F167363",
90   "address": "경기 수원시 장안구 서부로 2107 1층 최고집 원조 수구레",
91   "workingHours": "영업 중\n23:30에 라스트오더\n23시 30분에 라스트오더\n목\n16:00 - 24:00\n23:30 라스트오더\n금\n16:00 - 24:00\n23:30 라스트오더\n",
92   "tel": "070-8843-4329",
93   "parking": 1,
```

Firestore Database

Created the **Firestore** to save all the data from crawler.

Written Python Code to upload the json file to the cloud.

The resulting example database:



Firestore Database

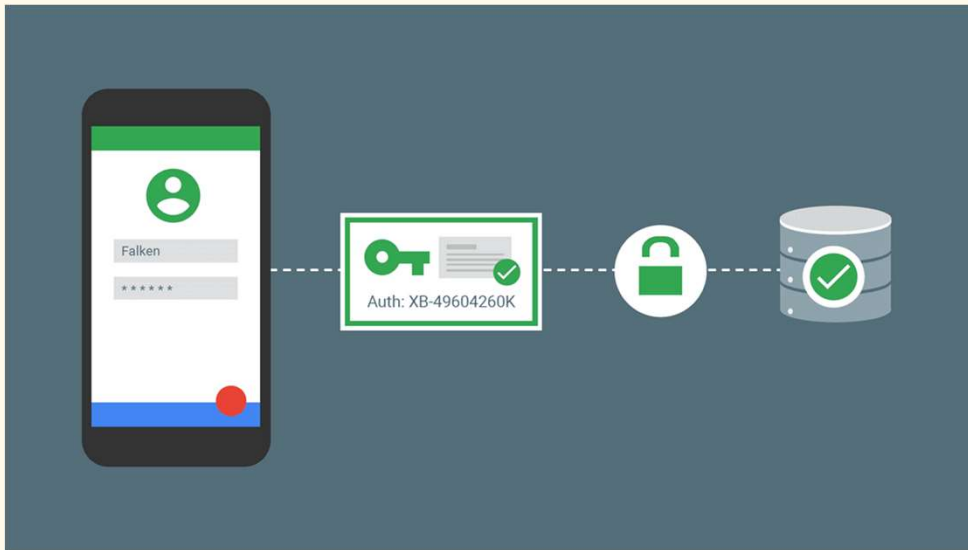
The places are stored in the “**Restaurants**” collection and got the following properties:

- Address
- Name
- Category
- Dish Pictures
- Dishes
- Menu Picture
- Is Parking available
- The Place picture
- Review
 - Review count
 - Tags
- Phone Number
- Working Hours
- Coordinates (will be added soon)

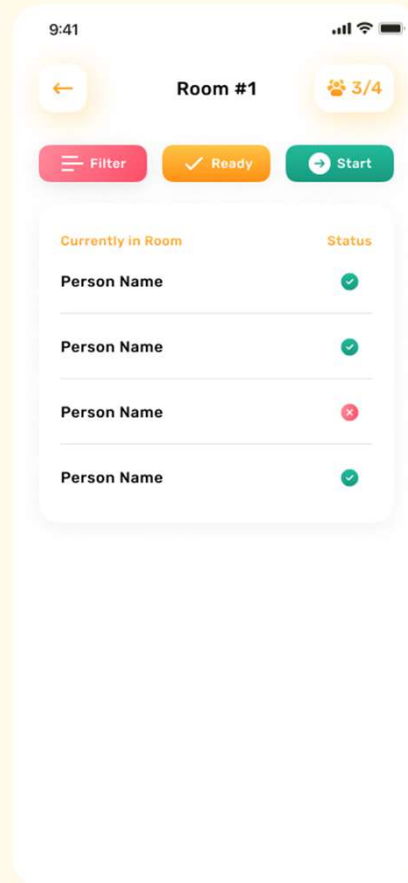
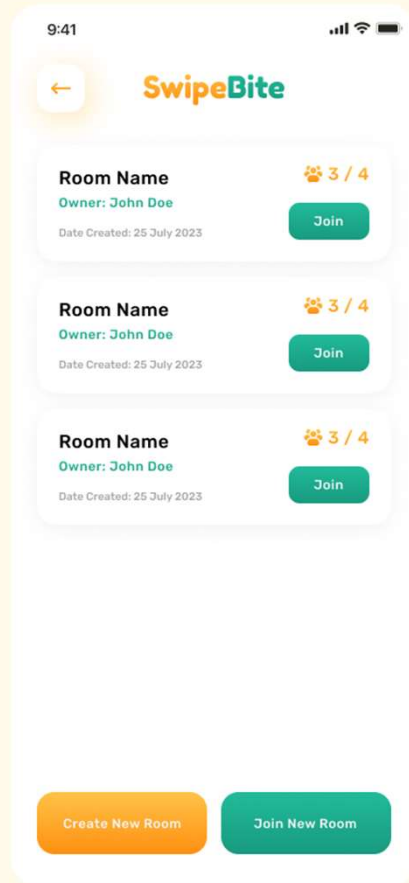
Firestore Database

Features we will be focusing on:

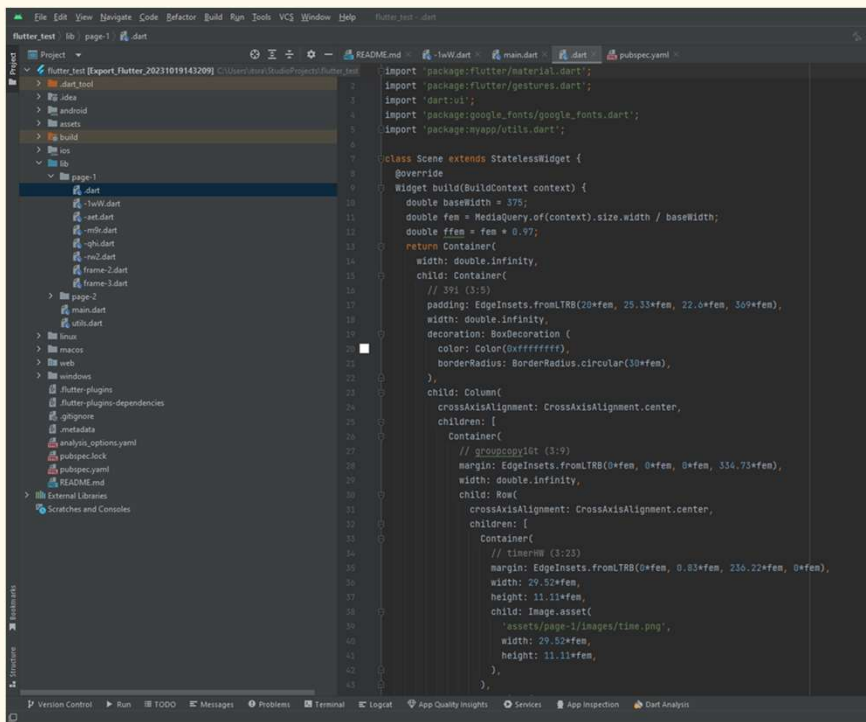
- **Authentication**
- **Firestore Database**



UI Design



Frontend with Flutter



Flutter



Firebase

Next Week – Role Assignment

- **Shakhzod** – Backend Team

- Integrate frontend and backend
- Log in / sign up
- Design UI/UX

- **Sung Jun Park** – Backend Team

- Integrate frontend and backend
- Implement codes for uploads/downloads of data

- **Ramon Arias** – Frontend Team

- Design UI/UX
- Implement design into Flutter
- Integrate frontend and backend

- **Yujin Juhn** – Backend Team

- Continue developing crawler
- Post-process on achieved data